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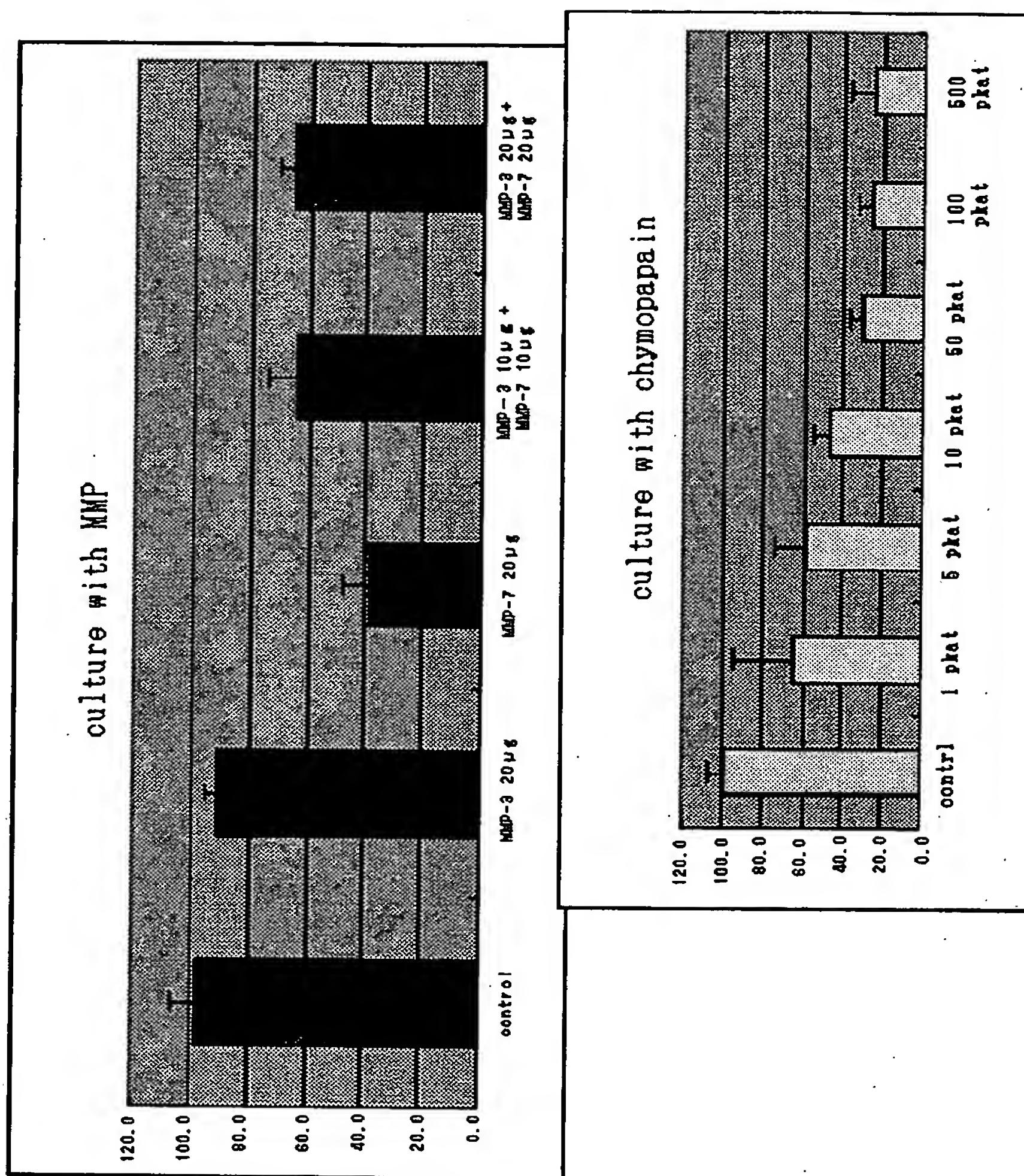


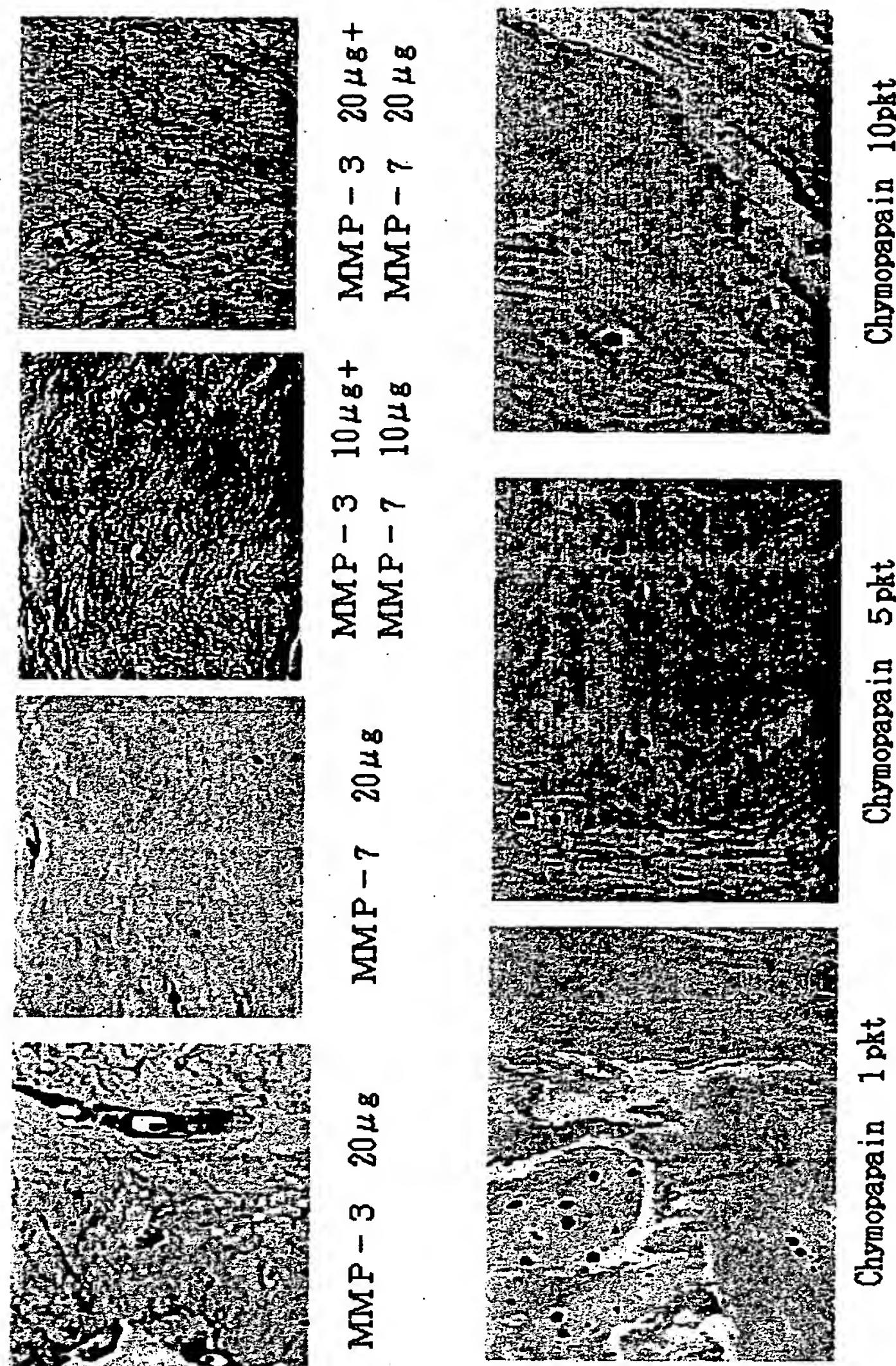
Fig 1

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Fig. 2



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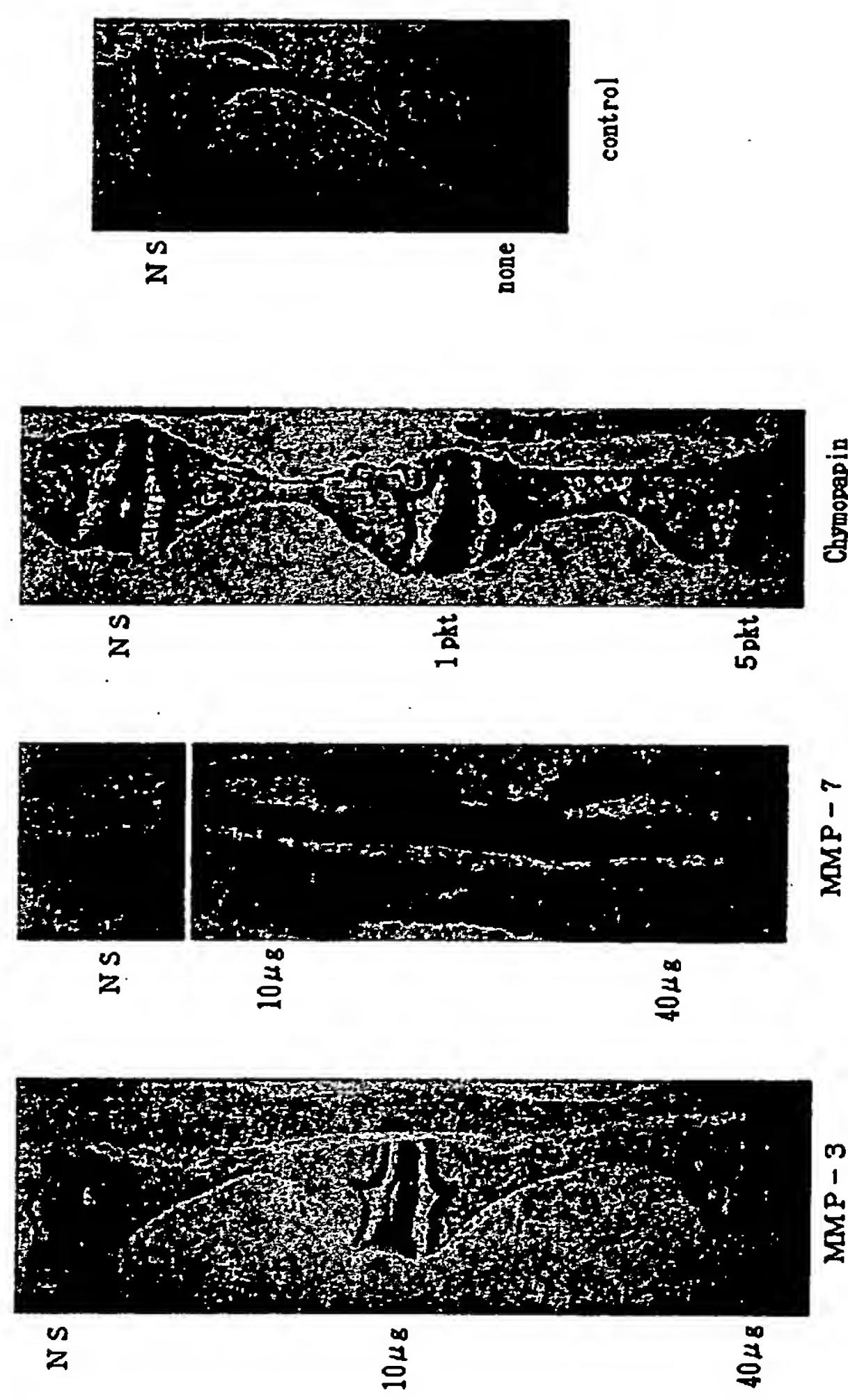


Fig. 3

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Canine hernia specimen (HE)

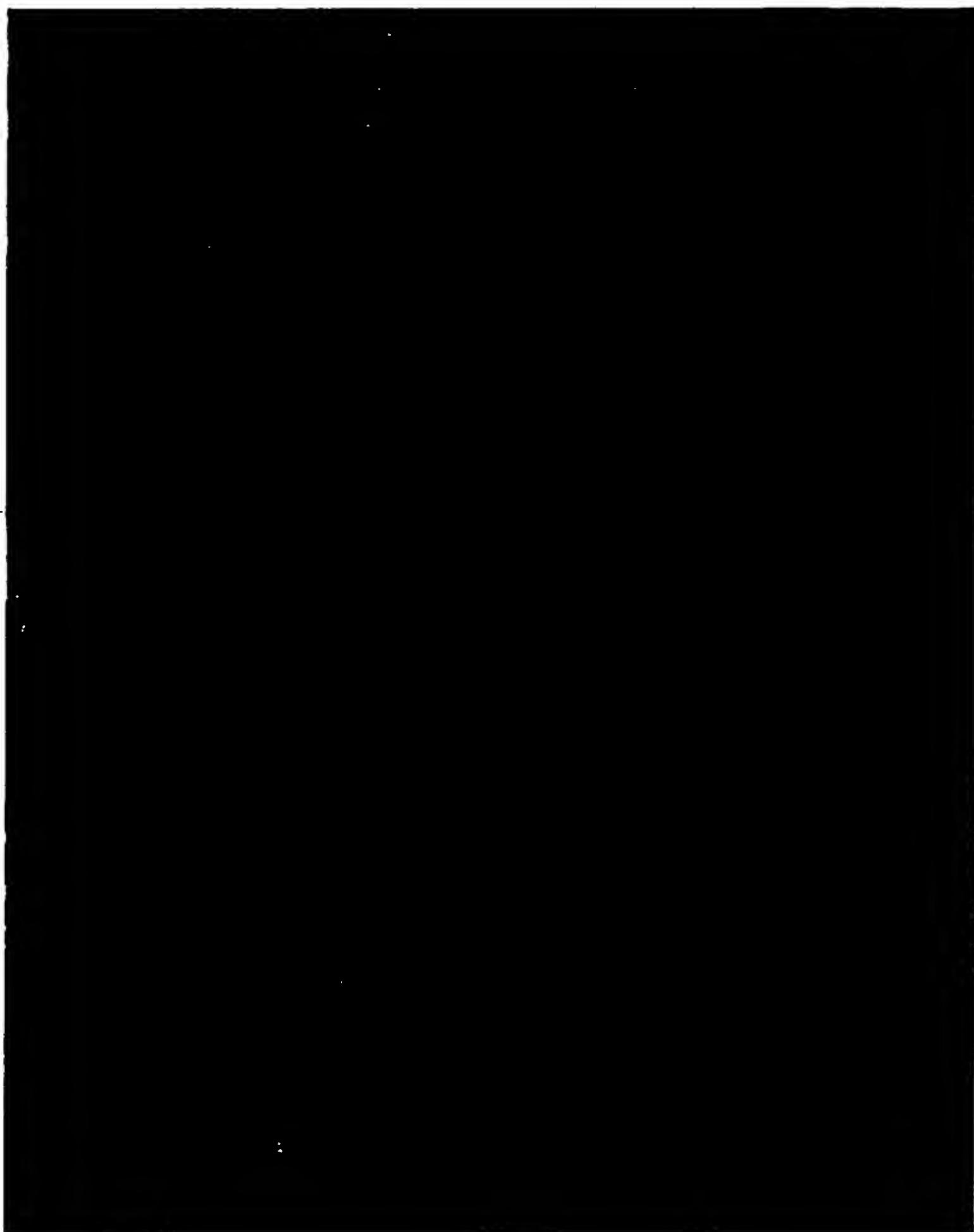


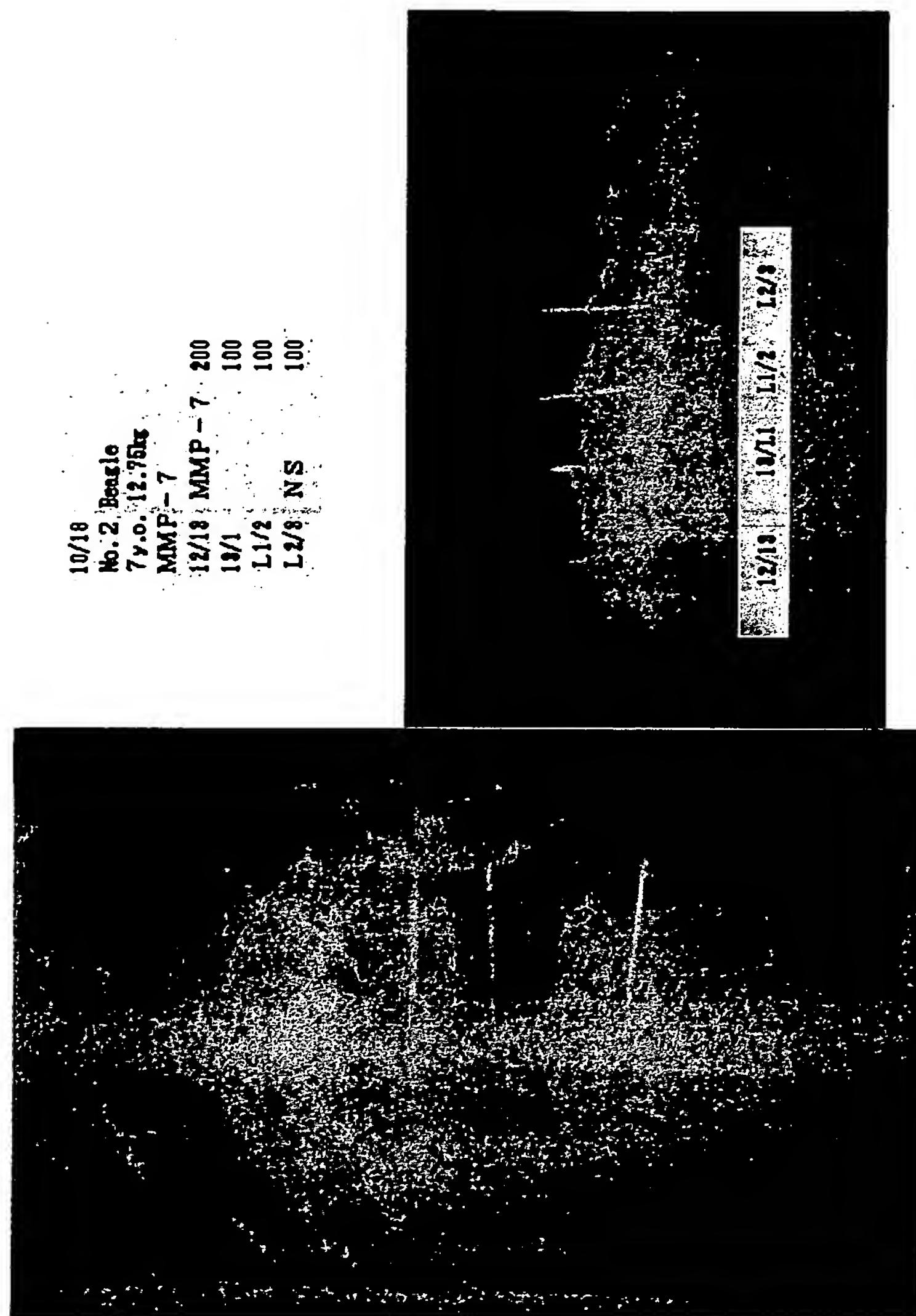
Fig. 4

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MMP - 7 administration

Fig. 5



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Fig. 6

Pre & post MRI ; MMP - 7



T12-L3; 20 μ g, T13-L1; 10 μ g, L1-2; 10 μ g, L2-3; saline

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Fig. 7

Pre & post MR I ; MMP - 7



T12-13: 20 μ g, T13-L1: 10 μ g, L1-2: 10 μ g, L2-3: saline

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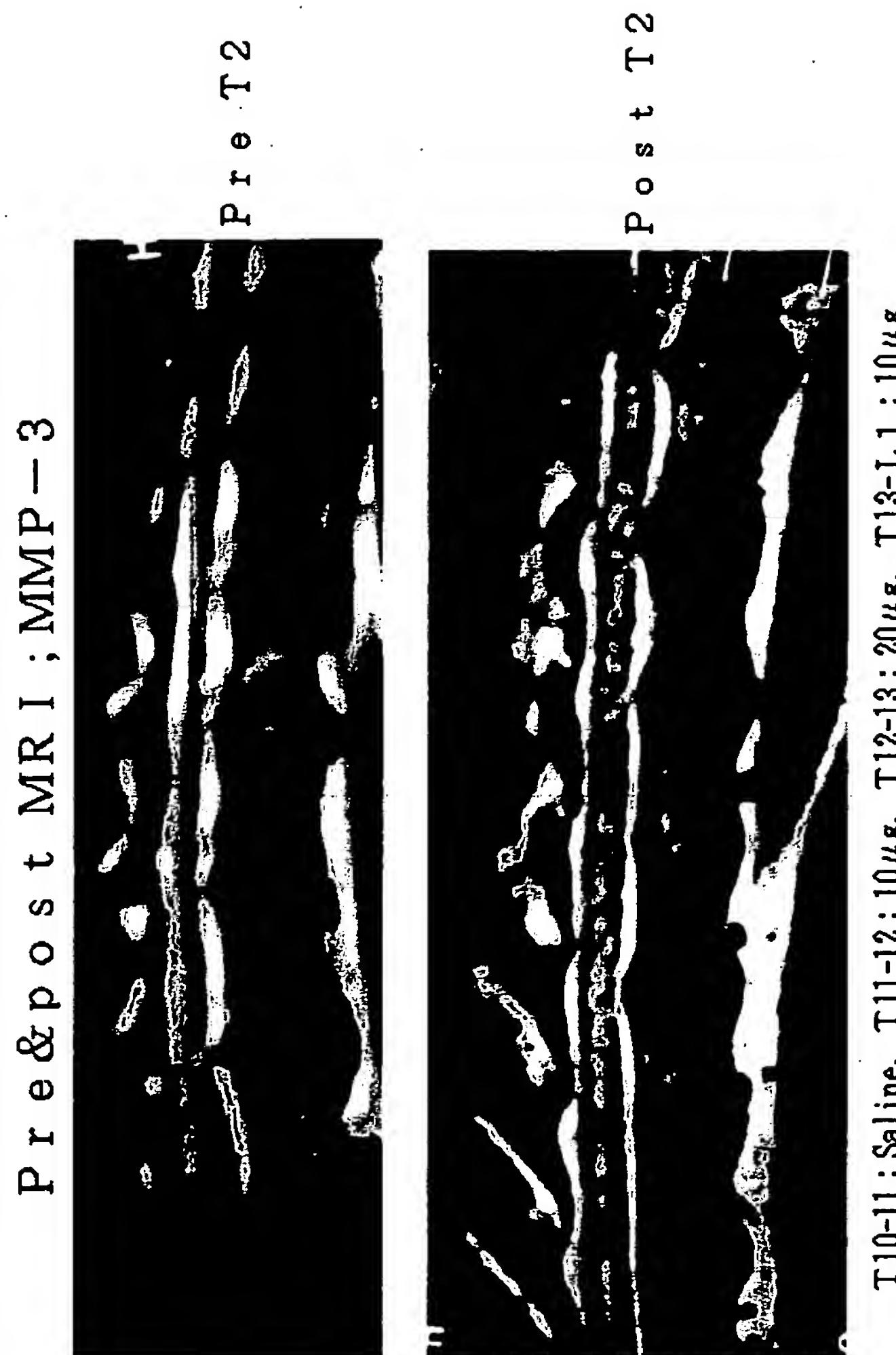
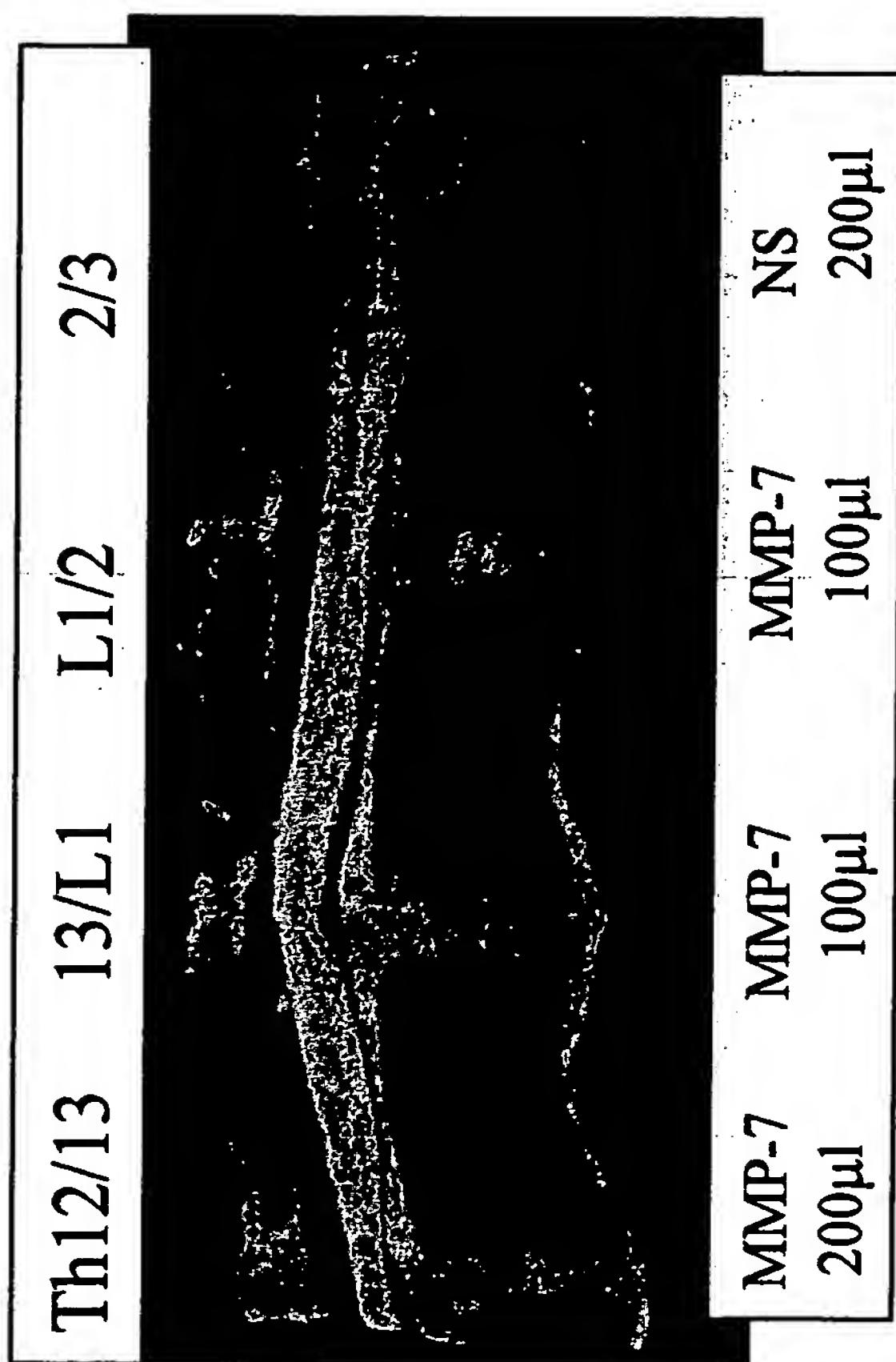


Fig. 8

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Fig. 9



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After NS injection



After MMP-7 injection

Macro, Safranin O staining

Fig. 10

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Fig. 11

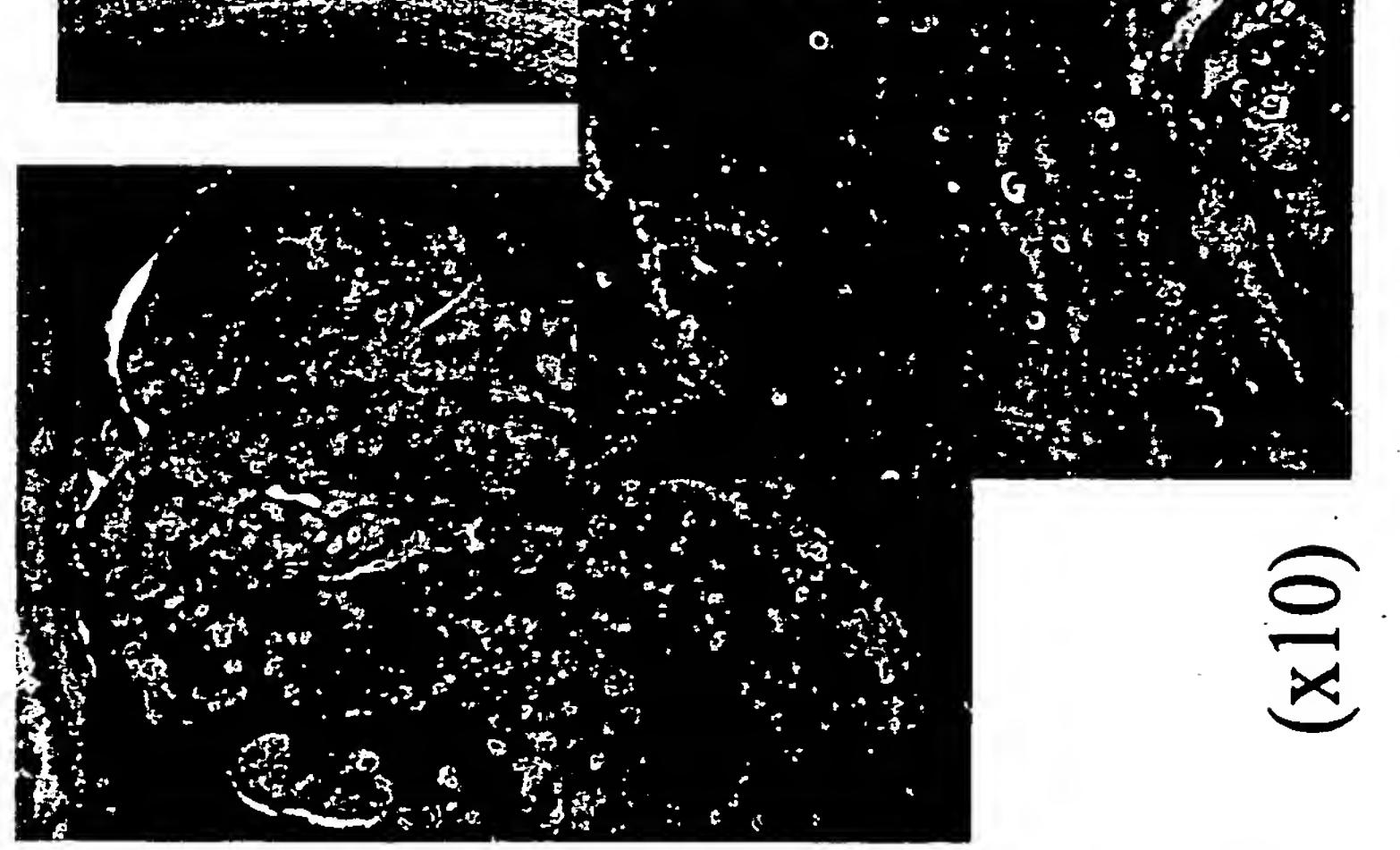
Safranin O staining after MMP-7
injection



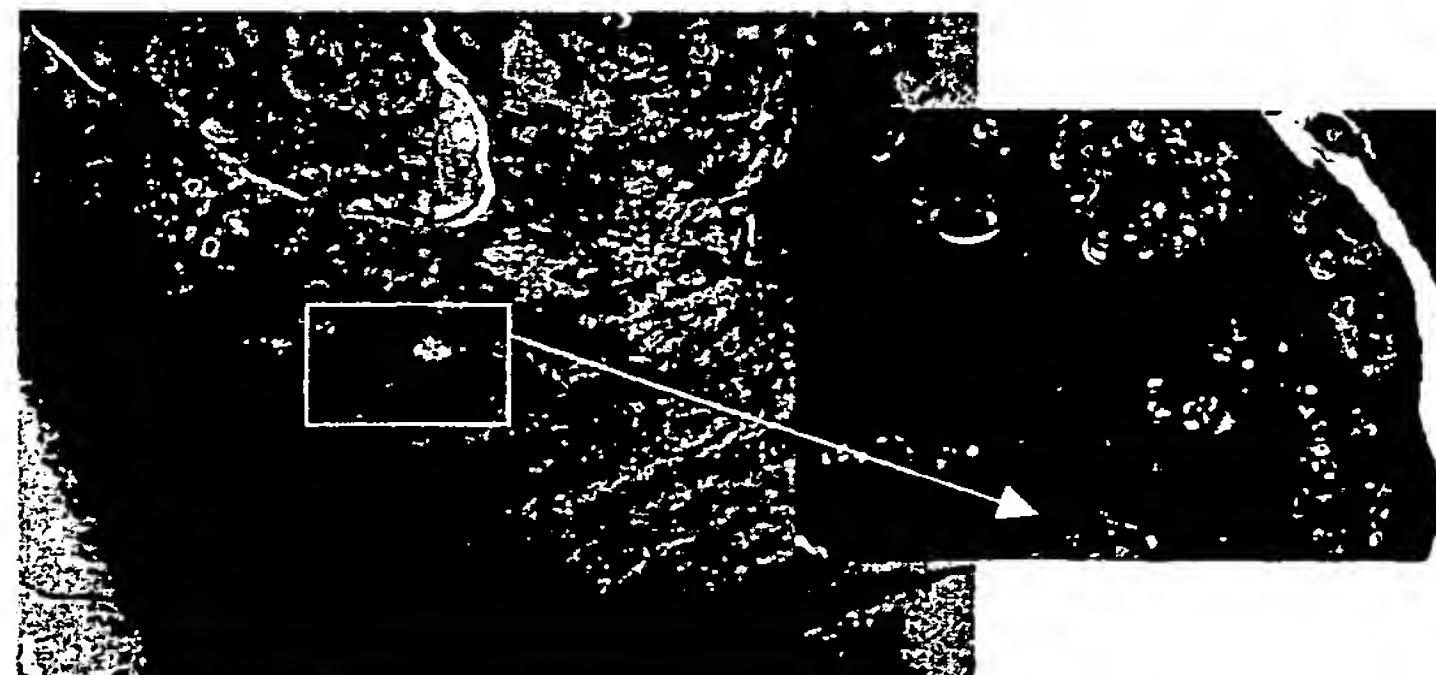
(Macro)



(x2)



(x10)

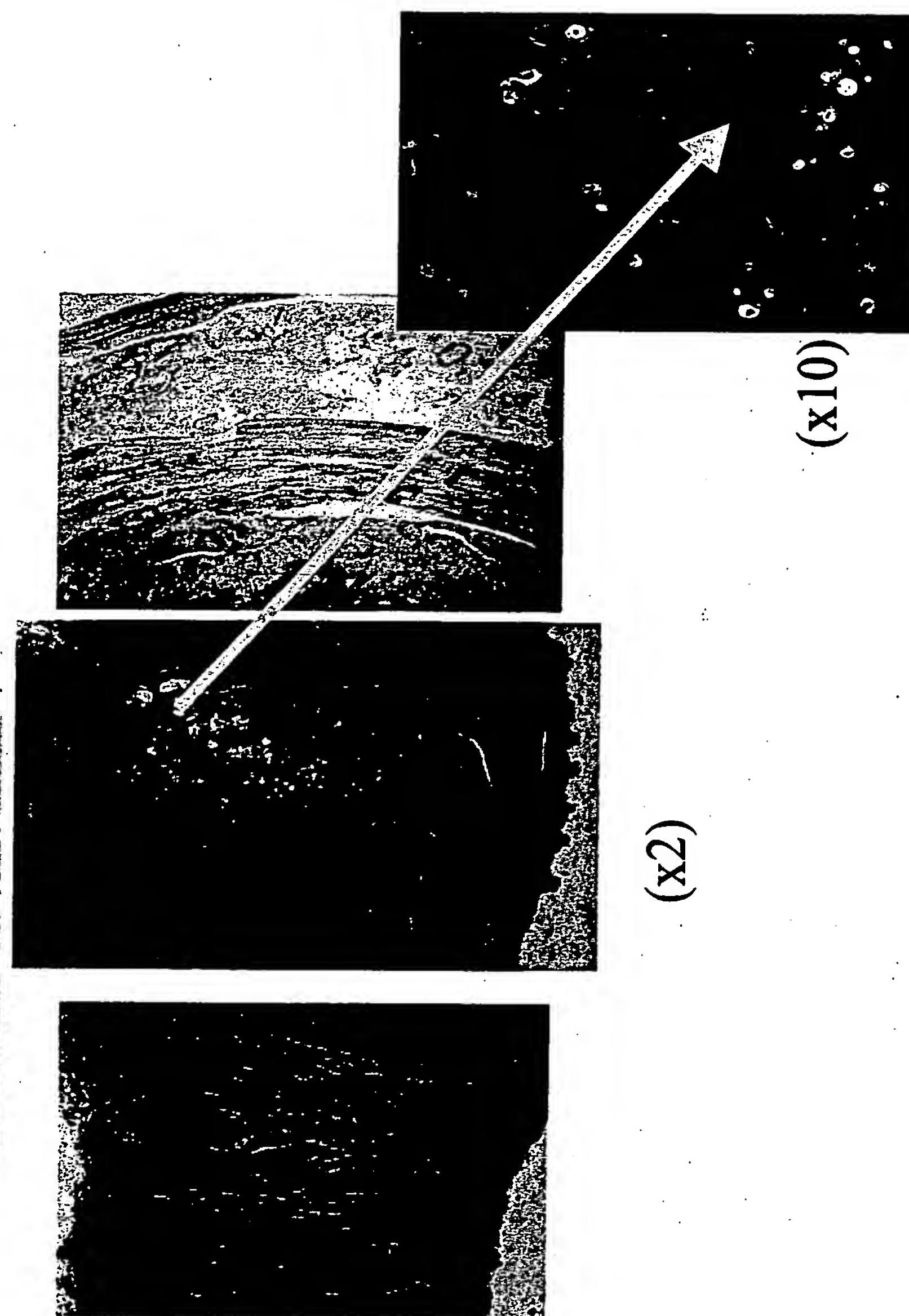


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Fig. 12

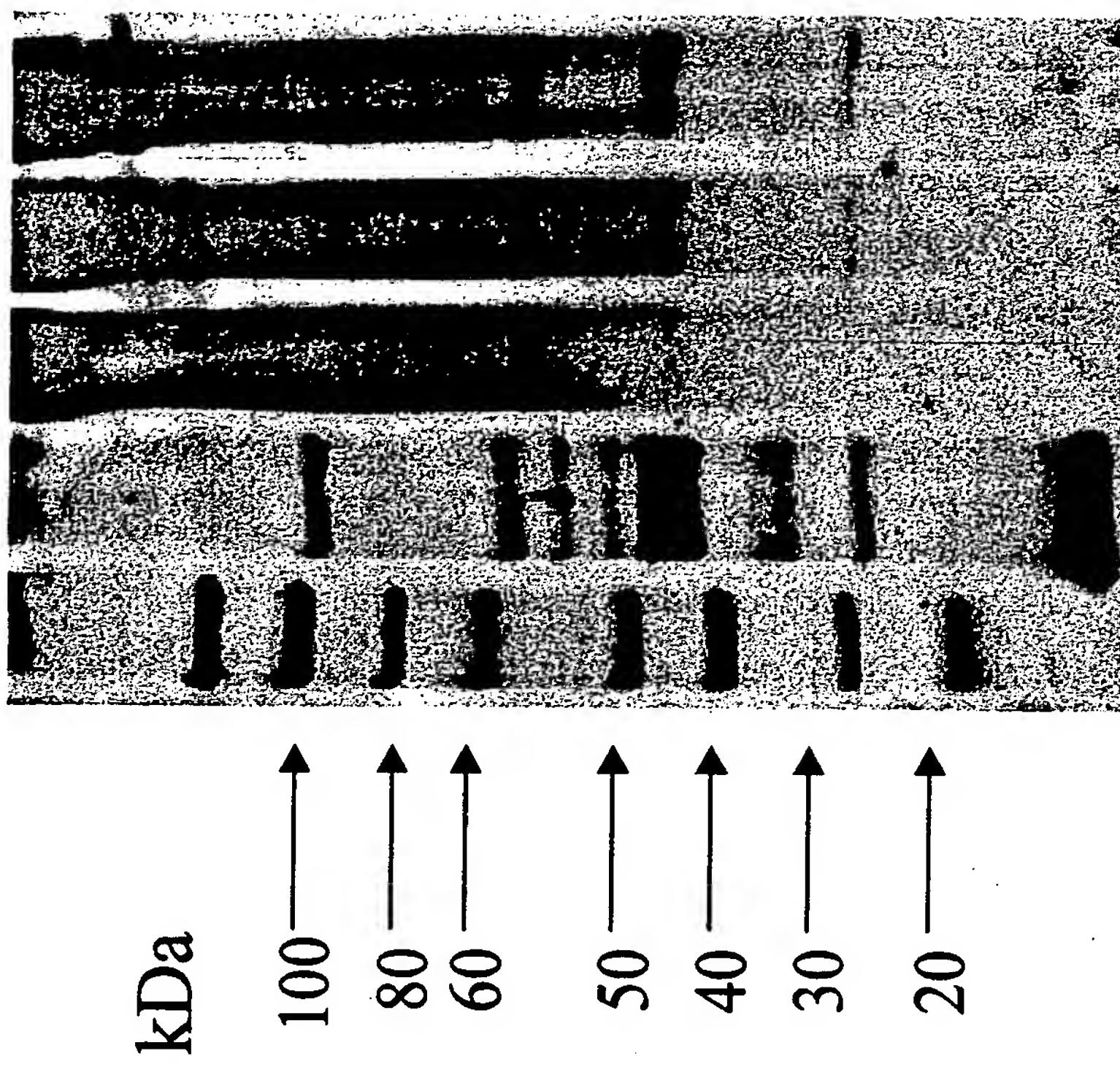
Safranin O staining after NS injection
(Macro)



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Fig. 13 M PC C2/3 3/4 5/6



C2/3: MMP-7, C3/4: NS
C5/6: Untreated
PC: positive control (normal knee cartilage)

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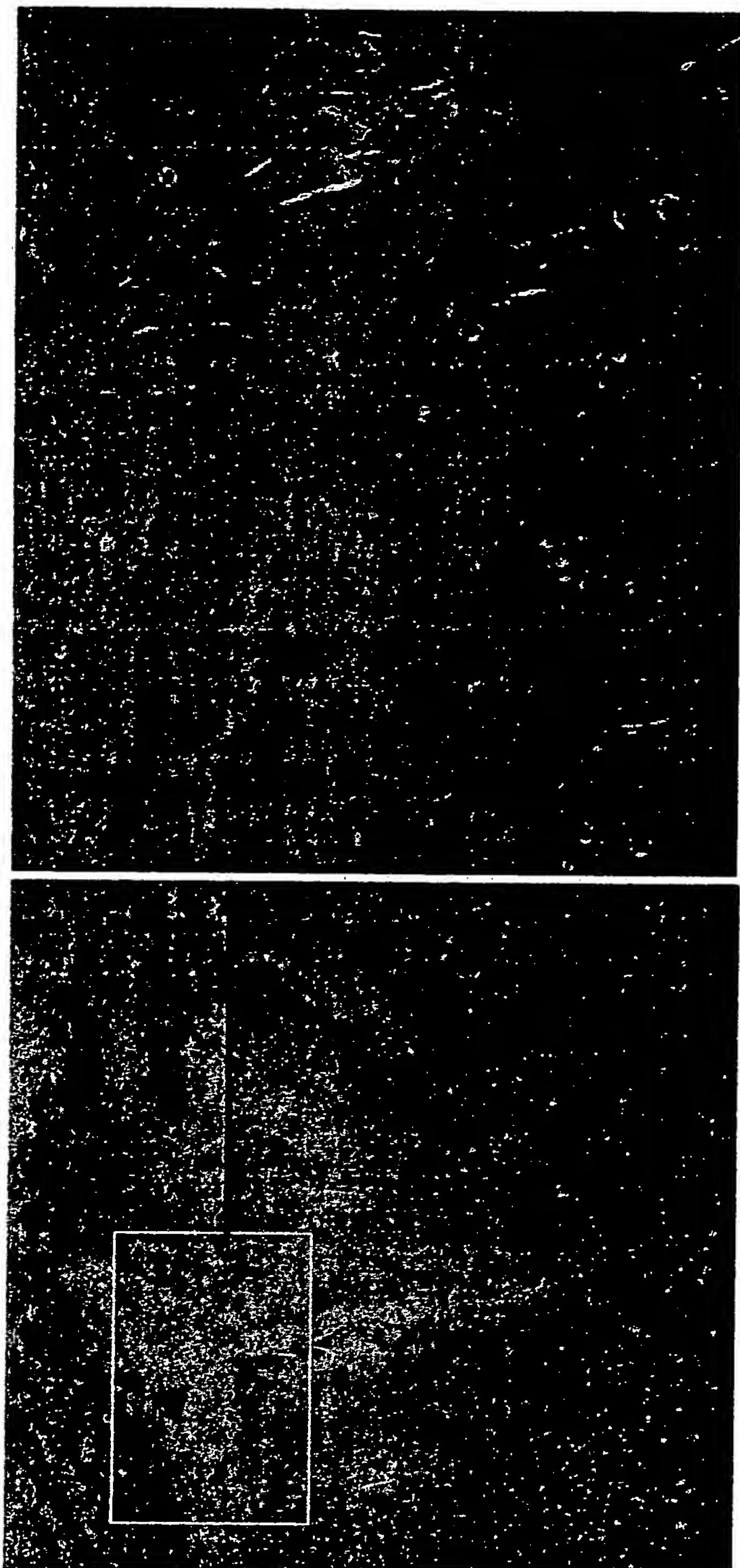


Fig. 14

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